PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 (ADSMAR) we required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

1 of

Complete if Known		
Application Number	10/567,771	
Filing Date	2/9/2006	
First Named Inventor	Masakazu HOSHINO	
Art Unit		
Examiner Name		
Attorney Docket Number	520 45909X00	

			U.S. PATENT I	OCUMENTS	
Examiner Initials'	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 2003/0231271	12/18/2003	Saitoh	
	BB	US- 2002/0163625	11/07/2002	Tabuchi	
	СС	US- 2004/0001312	01/01/2004	Hotta	
	DD	US- 2004/0042174	03/04/2004	Tomioka	
		US-			

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		JP 2002-268038	09/18/2002	Sharp Corp		Abs
		JP 2004-117580	04/15/2004	Seiko Epson Corp		Abs
		JP 7-181463	07/21/1995	Canon Inc.		Abs
		JP 2004-012934	01/15/2004	Seiko Epson Corp		Abs/Corre to AA
		PCT WO 02/19027	03/07/2002	Matsushita Electric		Corres to BB
		JP 2004-084958	03/18/2004	Hitachi, Ltd.		Abs/Corre to CC
		JP 2004-95891	03/25/2004	Toshiba Corp		Abs/Corr to DD
		JP 11-282361	10/15/1999	Mitsubishi Electric		Abs
		JP 4-326683	11/16/1992	Matsushitta Electric		Abs

	and the second of the second o		
Examiner		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons defeduired to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

luca ac many chapte ac naraccary)

of

Complete if Known		
Application Number	10/567,771	
Filing Date	2/9/2006	
First Named Inventor	Masakazu HOSHINO	
Art Unit		
Examiner Name		
Attorney Docket Number	520 45909Y00	

			U.S. PATENT I	OCUMENTS	
Examiner Initials'	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
		us-			

		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials'	Cite	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т⁰
aro	1102	JP 3-288187	12/18/1991	Mitsubishi Electric	•	Abs
		JP 61-059316	03/26/1986	Seiko Instr & Electronics		Abs
	1	JP 03-126011	05/29/1991	Sanyo Electric Co., Ltd.		Abs
		JP 4-54778	02/21/1992	Sony Corp.		Abs
	-	JP 04-073733	03/09/1992	Sharp Corp.		Abs
		JP 04-291230	10/15/1992	Sharp Corp.		Abs
		JP 05-107519	04/03/1993	NEC Home Electron		Abs
	1	JP 05-232427	9/10/1993	Sanyo Electric Co., Ltd.		Abs
		JP 06-110040	04/22/1994	Sanyo Electric Co., Ltd.		Abs

Examiner	Date
Signature	Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1955, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PADEMP

3 of

Complete if Known		
Application Number	10/567,771	
Filing Date	2/9/2006	
First Named Inventor	Masakazu HOSHINO	
Art Unit		
Examiner Name		
Attorney Docket Number	E20 4E000Y00	

			U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	110.	Number-Kind Code <sup>2</sup> (if known)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Applicant of Oiled Bocament	Figures Appear
		us			
		US			•
		US			
		US			
		US-			

	,	FOREIG	N PATENT DO	UMENTS		
Examiner Initials'	Cite	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>®</sup>
		JP 7-248480	9/26/1995	Furukawa Electric Co.		Abs
		JP 8-211353	08/20/1996	Nippon Denso Co., Ltd.		Abs
		JP 11-202411	07/30/1999	Matsushita Electric		Abs
		JP 2002-131737	05/09/2002	Sharp. Corp.		Abs
		JP 2002-214596	07/31/2002	Seiko Epson Corp		Abs
		JP 2003-075918	3/12/2003	Seiko Epson Corp		Abs
		JP 2003-195135	07/09/2003	Seiko Epson Corp.		Abs
		JP 1-159684	06/22/1989	Seiko Epson Corp		Abs
		JP05-216016	08/27/1993	Sharp Corp.		Abs
		JP 05-264947	10/15/1993	Fujitsu General Ltd		Abs

actual/s	A STATE OF THE STA
Examiner	Date
Signature	Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.